

## NA2XS(F)2Y

Longitudinally water-tight PE medium voltage cable with aluminium conductor

NA2XS(F)2Y, VDE, PE medium voltage cable acc. VDE 0276-620, with aluminium conductor, longitudinally water-tight, for fixed installation

### Info

3 voltage classes: 6/10 (12) kV, 12/20 (24) kV, 18/30 (36) kV

With aluminium conductor



Suitable for outdoor use



Mechanical resistance



UV-resistant



Waterproof

### Application range

Power and control cable for fixed installation in the following applications:

In water, in ground, outdoors and indoors

In cable trays for power stations, industry, and distribution networks

Also suitable for applications where longitudinal water propagation inside the cable should be avoided.

Burial without additional, suitable underground protection according to HD 620/VDE 0276-620 - Part 10-C (point 4): normal minimum installation depth 0.6 m, but at least 0.8 m under roads

### Product features

Suitable for installation or operation under high mechanical stress due to the PE-sheath

Current rating according to HD 620/VDE 0276-620, Part 10-C, Table 7 (buried at +20 °C ground temperature according to HD 620/VDE 0276-620, Part 10-C, point 5) for routing underground and Table 8 (in the air at an air temperature of +30 °C according to HD 620/VDE 0276-620, Part 10-C, point 5) when used outdoors; but always taking into consideration corrections/reductions to the

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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## NA2XS(F)2Y

current rating that may be necessary according to VDE 0298-4, and VDE 0298-4 (also refer to the catalogue appendix T12) for installation in and on buildings

### Norm references / Approvals

HD 620/ VDE 0276-620

### Product Make-up

Aluminium conductor

Abbreviation "rm":

r = round conductor form;

m = multi-wire conductor

Core insulation: Cross-linked Polyethylen (XLPE)

Screen made of copper wires with one or two copper bond counter spiral  
longitudinally water-tight wrapping

Outer sheath: PE, black

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001140 ETIM 5.0 Class-Description: Medium voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001140 ETIM 6.0 Class-Description: Medium voltage power cable
Conductor stranding:	Multi-wire
Minimum bending radius:	Fixed installation: 15 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 6/10 (12) kV, 12/20 (24) kV, 18/30 (36) kV
Test voltage:	Depending on nominal voltage: 6/10 kV: 15 kV 12/20 kV: 30 kV 18/30 kV: 45 kV
Temperature range:	During installation: -40 °C to +70 °C Fixed installation: -40 °C to +90 °C

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Aluminium price basis: excludes aluminium. Refer to catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index".

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

\* Trade product, no Lapp product

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Prices are net prices without VAT and surcharges. Sale to business customers only.

**NA2XS(F)2Y**

Article number	Number of cores and mm <sup>2</sup> per conductor	Alu index (kg/km)	Outer diameter [mm]	Weight (kg/km)
6/10 (12) kV				
1552026	1 x 50 RM/16	145	25	617
38107610	1 x 70 RM/16	203	27	709
38107611	1 x 95 RM/16	276	28	805
38107612	1 x 120 RM/16	348	30	901